

ABSTRACT

15 The present invention relates to a device and a method for determining the quality of surfaces. An illuminating light source radiates light at a predetermined angle onto the measurement surface. An optical detecting device receives the light reflected from said measurement surface and converts same into an electrical measurement signal. A processor controls the measurement sequence and evaluates the measurement results, which are emitted via an output device. The illuminating light source comprises at least one light-emitting diode. The light emitted comprises at least blue, green and red spectral components in the visible range of the spectrum. A filter is provided in the path of radiation between the light source and the photosensor.